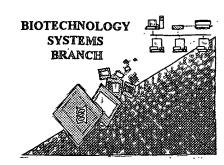
RAW SEQUENCE LISTING ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/022,554Source: 0/16Date Processed by STIC: 1/14/2002

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216. "PATENTIN 2.1 c-mail help: patim21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 c-mail help: patim3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE <u>CHECKER</u> <u>VERSION 3.1 PROGRAM</u>, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

http://www.uspto.gov/web/offices/pac/checker

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom, including:

- 1. EFS-Bio (http://www.uspto.gov/ebc/efs/downloads/documents.htm, EFS Submission User Manual ePAVE)
- 2. U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
- Hand Carry directly to:
 U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
 - U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
- 4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

OIPE

RAW SEQUENCE LISTING

DATE: 01/14/2002

PATENT APPLICATION: US/10/022,554

TIME: 18:58:50

Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF3\01142002\J022554.raw

Doss Not Comply Conscied Diskette Needod

1 <110> APPLICANT: ETTENSON, David S. BURGESS,

W--> 2 <120> TITLE OF INVENTION: COMPOSITIONS,

METHODS AND KITS RELATING TO THROMBIN DEGRADATION RESISITANT FIBROBLAST GROWTH

W--> 4 <130> FILE REFERENCE: 054474-5005<160> 8 <170> PatentIn version 3.1<210> 1<211>

ERRORED SEQUENCES

	5 <	(212>	YYF	E: I	NA<2	213>	Homo	sap	oiens	<400)> 1							
	6 0	raatt	cado	ra ac	gege	caca	ago	agca	igct	gctg	gaged	cat g	gctg	aagg	gg ga	aaato	cacca	60
	8 6	ctto	acac	re ec	etgac	cgac	r aac	rttta	atc	tgc	ctcca	igg g	aatt	acaa	ig aa	agcco	caaac	120
	10	t.cct	ctac	ta t	agca	acq	id do	ccac	ettec	: tga	iggat	cct	tccg	gato	gc a	acagt	ggatg	180
	12	ggac	aago	rora d	cagga	acas	ic ca	gcac	catto	ago	etgea	gct	cagt	gcgg	jaa a	agcgt	ggggg	240
	14	aggt	gtat	at a	laaga	gtac	c ga	igact	ggco	agt	actt	ggc	cato	gaca	acc g	gacgo	ggcttt	300
	16	tata	caac	etc a	caga	icaco	a aa	itgad	gaat	: gtt	tgtt	cct	ggaa	aggo	ctg g	gagga	agaacc	360
	18	atta	icaac	eac c	ctata	itato	c aa	qaaq	cato	cag	gagaa	igaa	ttgg	rttt	jtt g	ggcct	caaga	420
	20	agaa	taga	raq o	etaca	aacc	ic do	rtcct	cgga	cto	cacta	itgg	ccag	gaaag	jca a	atctt	gtttc	480
	22	tccc	ccto	rcc a	gtct	ctto	t ga	ttaa	agag	ato	etgtt	ctg	gtgt	tgad	cca c	ctcca	agagaa	540
	24	attt	cgac	idd d	rtcct	caco	et go	gttga	accc	aaa	aaat	jttc	cctt	gaco	cat t	tggct	geget	600
E>	26	aacc	ccca	iac c	caca	igago	c to	gaatt	tgta	ago	caact	:t						638
	29	<210)> SI	EQ II	NO:	2<2	211>	154<	<212>	PR?	r<213	3> Hc	omo s	sapie	ens<4	400>	2	
	31	Ala	Glu	Gly	Glu	Ile	Thr	Thr	Phe	Thr	Ala	Leu	Thr	Glu	Lys	Phe	Asn	
	32			-		5					10					15		
	35	Leu	Pro	Pro	Gly	Asn	Tyr	Lys	Lys	Pro	Lys	Leu	Leu	Tyr	Cys	Ser	Asn	
	36				20					25					30			
	39	Gly	Gly	His	Phe	Leu	Arg	Ile	Leu	Pro	Asp	Gly	Thr	Val	Asp	Gly	Thr	
	40			35					40					45				
	43	Arg	Asp	Arg	Ser	Asp	Gln	His	Ile	Gln	Leu	Gln	Leu	Ser	Ala	Glu	Ser	
	44		50					55					60					
	47	Val	Gly	Glu	Val	Tyr	Ile	Lys	Ser	Thr	Glu	Thr	Gly	Gln	Tyr	Leu	Ala	
	48	65					70					75					80	
	51	Met	Asp	Thr	Asp	Gly	Leu	Leu	Tyr	Gly	Ser	Gln	Thr	Pro	Asn	Glu	Glu	
	52					85					90					95		
	55	Cys	Leu	Phe	Leu	Glu	Arg	Leu	Glu	Glu	Asn	His	Tyr	Asn	Thr	Tyr	Ile	
	56				100					105		•			110			
	59	Ser	Lys	Lys	His	Ala	Glu	Lys	Asn	Trp	Phe	Val	Gly	Leu	Lys	Lys	Asn	
	60			115					120					125				
	63	Gly	Ser	Cys	Lys	Arg	Gly	Pro	Arg	Thr	His	Tyr	Gly	Gln	Lys	Ala	Ile	
	64		130					135					140					
	67	Leu	Phe	Leu	Pro	Leu	${\tt Pro}$	Val	Ser	Ser	Asp							
		145	•				150											

Del next page

erseit a hardreturn after each response

(sample of submitted file)

major formet evou- please contact Robert Wax
at 703-306-4/19 or

703-308-42/6

for assistance

Review the Sequence Listing to insure a corresponding explanation is presented in the <220> to <223> fields of each sequence using n or Xaa.